



ITW

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

HAIXIN YANG

CASE NO.: **EL0479USNA**

APPLICATION NO.: **10/775,785**

CONFIRMATION NO.: **9363**

GROUP ART UNIT: **1755**

EXAMINER:

FILED: **FEBRUARY 10, 2004**

FOR: **INK JET PRINTABLE THICK FILM INK COMPOSITIONS AND PROCESSES**

INFORMATION DISCLOSURE STATEMENT

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P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicant brings to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08. A copy of the information is also enclosed.

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Respectfully submitted,

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Dated: 6/23/2004

Enclosures



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/775,785
Filing Date	February 19, 2004
First Named Inventor	Haixin Yang
Art Unit	1755
Examiner Name	
Attorney Docket Number	EL0479 US NA

Sheet 1 of 3

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2,760,863	08-28-1956	Plambeck Jr.	
		US- 2,850,445	09-02-1958	Oster	
		US- 2,875,047	02-24-1959	Oster	
		US- 2,927,022	03-01-1960	Martin et al.	
		US- 3,074,974	01-22-1963	Gebura	
		US- 3,097,096	07-09-1963	Oster	
		US- 3,097,097	07-09-1963	Oster	
		US- 3,145,104	08-18-1964	Oster and Oster	
		US- 3,380,831	04-30-1968	Cohen et al.	
		US- 3,427,161	02-11-1969	Laridon et al.	
		US- 3,479,185	11-18-1969	Chambers, Jr.	
		US- 3,549,367	12-22-1970	Chang et al.	
		US- 4,162,162	07-24-1979	Dueber	
		US- 5,132,248	07-21-1992	Drummond et al.	
		US- 5,882,722	03-16-1999	Kydd	
		US- 6,017,259	01-25-2000	Motoi et al.	
		US- 6,153,348	11-28-2000	Kydd et al.	
		US- 6,274,412 B1	08-14-2001	Kydd et al.	
		US- 6,379,745 B1	04-30-2002	Kydd et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 0 989 570 A1	03-29-2000	Nakao et al.		
		JP 2000-327964A	11-28-2000	Nakao		
		JP 2002-134878	05-10-2002	Takehiko et al.		

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Sheet	2	of	3
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Application Number	10/775,785
Filing Date	February 10, 2004
First Named Inventor	Haixin Yang
Art Unit	1755
Examiner Name	
Attorney Docket Number	EL0479USNA

U. S. PATENT DOCUMENTS

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	10/775,785
				Filing Date	February 10, 2004
				First Named Inventor	Haixin Yang
				Art Unit	1755
				Examiner Name	
Sheet	3	of	3	Attorney Docket Number	EL0479USNA

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		EREZ BRUAN, YOAV EICHEN, URI SIVAN & GDALYAHU BEN-YOSEPH, DNA-templated assembly and electrode attachment of a conducting silver wire, Nature, Vol. 391, 19 February 1998, pp. 775-778.	<input type="checkbox"/>
		TOSHIHIKO OGUCHI, KEIKI SUGNAMI, TAIZO NANKE, AND TOSHIKATU KOBAYASHI, Formation of Precise Electrically-Conductive Pattern Using Metal Colloid I-J Ink, IS&T's NIP 19: 2003 International Conference on Digital Printing Technologies, pp. 656-659.	<input type="checkbox"/>
		R.W. WEST, E.P. TWEEDELL, AND R.C. BUCHANAN, Ink Jet Printing of Hybrid Circuits, Int. J. Hybrid Microelectron., Vol. 6, 1983, pp. 261-267.	<input type="checkbox"/>
		K.F. TENG, MEMBER, IEE, AND ROBERT W. VEST, Metallization of Solar Cells with Ink Jet Printing and Silver Metal-Organic Inks, IEEE Transactions on Components, Hybrids, and Manufacturing Technology, Vol. 11, No. 3, September 1988, pp. 291-297.	<input type="checkbox"/>
		KEIICKI NAKAO (Matsushita Electroni Industrial Co., Ltd), Conductor Links for Printing Electrodes of Electronic Devices, Ink-Jet Printing Apparatus, and Cleaning Solvents Therefor, Jpn. Kokai Tokkyo Koho (2000), JP 2000327964A.	<input type="checkbox"/>
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10/775,785
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